

ILLINOIS COMMERCE COMMISSION
ADMINISTRATIVE LAW JUDGE'S HEARING REPORT

Case No. T07-0015 Hearing Date 4.3.07
Type of Case RL
Petitioners _____
Respondents _____
Transcript Taken? YES ☐ Continued To _____ ☒ or Heard and Taken
Pleadings and Motions _____

RECEIVED

APR 3 2007

Illinois Commerce Commission
RAIL SAFETY SECTION

Exhibits Filed

- EX * A. AERIAL PHOTO.
B. ROADWAY SCHEMATIC W/ CROSSING.
C. PUTNAM COUNTY LTR. SUPPORT
D. RESOLUTION FOR ROAD CONTRACTS. TWP.
E. TOPOGRAPHIC CHART
I. ESK ROAD TRAFFIC INFO
J. ACCIDENT HISTORY ESK ROAD
G. RL CROSSING DESIGN
H. NS GRADE CROSSING SYSTEM
F. CROSSING SCHEMATIC W/ DRAINAGE DESIGN
TRACK SYSTEM

Remarks

A

Send Notice ☐

Administrative Law Judge DWJ

(Administrative Law Judge: No hearing is completed until you have filled out this form in full)

IL 524-0194

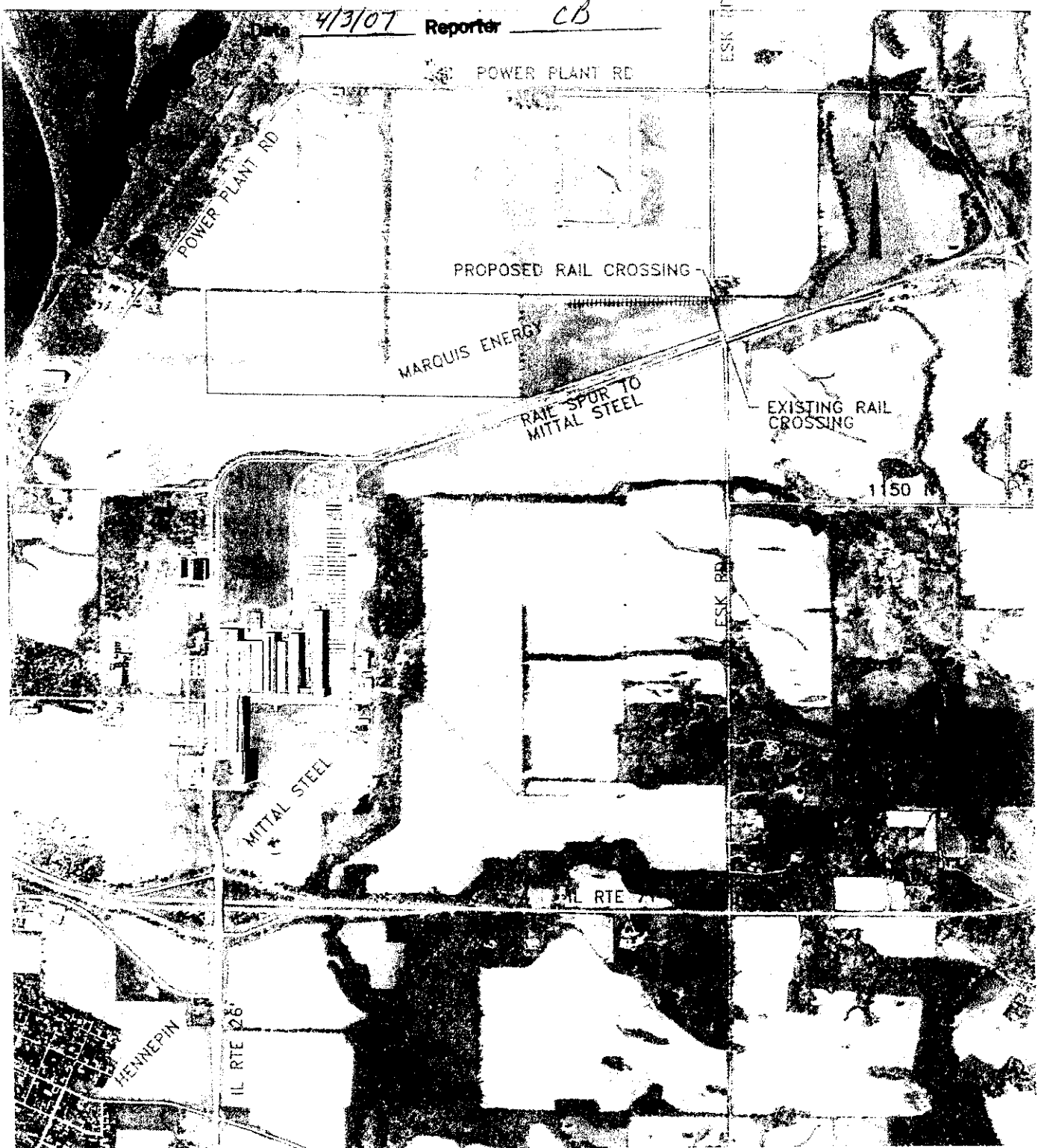
DOCKETED

ILL. C. C. DOCKET NO. T07-0015

Petitioner Exhibit No. A

Witness _____

Date 4/3/07 Reporter CB



RAILROAD CROSSING LOCATION MAP



IVSC Illinois Valley Surveying and Consultants, Inc.
Land Surveying - Engineering
401 Court Street Hennepin, Illinois 61327 / P.O. Box 302
Phone: (815) 925-7511 - Fax: (815) 925-7580

**Putnam County Highway****George P. Meister**

County Engineer

Mailing Address

6203 Illinois Highway 26

Hennepin, IL 61327

Office Address

552 State Route 26

Lacon, IL 61540

Phone: (309) 246-6401

Fax: (309) 246-3446

March 20, 2007

Mr. Dean W. Jackson
Illinois Commerce Commission
Chief Administrative Law Judge
6th Floor
527 East Capitol Avenue
Springfield, IL 62701

RE: Notice of Hearing T07-0015

Dear Mr. Jackson:

Thank you for the Notice of Hearing on the above project, petition for an Order authorizing the construction of a new grade rail crossing of ESK Road (875E) in Hennepin Township, Putnam County, Illinois.

I have no objection to this work.

Sincerely,

George P. Meister
County Engineer

GPM:cs

OFFICIAL FILEILL. C. C. DOCKET NO. T07-0015Petitioner Exhibit No. C

Witness _____

Date 4/3/07 Reporter CB

Exhibit C

OFFICIAL FILE

STATE OF ILLINOIS)
) SS.
COUNTY OF PUTNAM)

ILL. C. C. DOCKET NO. 707-0015

Petitioner Exhibit No. D

Witness _____

Date 4/3/07 Reporter CB

RESOLUTION APPROVING AND AUTHORIZING
CERTAIN ROAD PERMITS

WHEREAS, Putnam County has issued a permit to Marquis Energy LLC ("Marquis") to build an ethanol production plant north of the existing Mittal Steel plant; and

WHEREAS, the proposed ethanol production plant ("Plant") would provide employment and otherwise provide substantial economic benefits to the Township of Hennepin and Putnam County; and

WHEREAS, the Township Board of Hennepin Township in Putnam County wishes to provide all reasonable accommodations to Marquis to insure the construction of the Plant; and

WHEREAS, Marquis has asked Hennepin Township to provide, or assist in obtaining, certain permits to facilitate transportation to and from the Plant; and

WHEREAS, the Township Board of Hennepin Township wishes to provide, or assist Marquis in obtaining, the permits it is seeking for transportation to and from the Plant.

NOW, THEREFORE, BE IT RESOLVED by the Township of Hennepin, County of Putnam, a body politic and corporate of the State of Illinois, acting by and through its Township Board in regular meeting assembled, as follows:

1. The Township Highway Commissioner is directed to issue a permit to Marquis allowing a 200-foot wide roadway entrance from the west side of ESK Road to the Plant's east entrance to facilitate simultaneous ingress and egress of semi-trailer trucks to the Plant. The permit shall require the entrance to be of standard design, constructed of concrete with a normal turning radius. Marquis shall be required to provide all necessary labor and materials to install the roadway entrance and shall provide culverts/tubes as required to provide adequate drainage.

2. The Township Highway Commissioner is directed to issue a permit allowing Marquis to construct, use, operate, maintain, renew and remove a railroad grade crossing over ESK Road approximately 200 feet south of the north line of Section Two in Hennepin Township.

Exhibit D

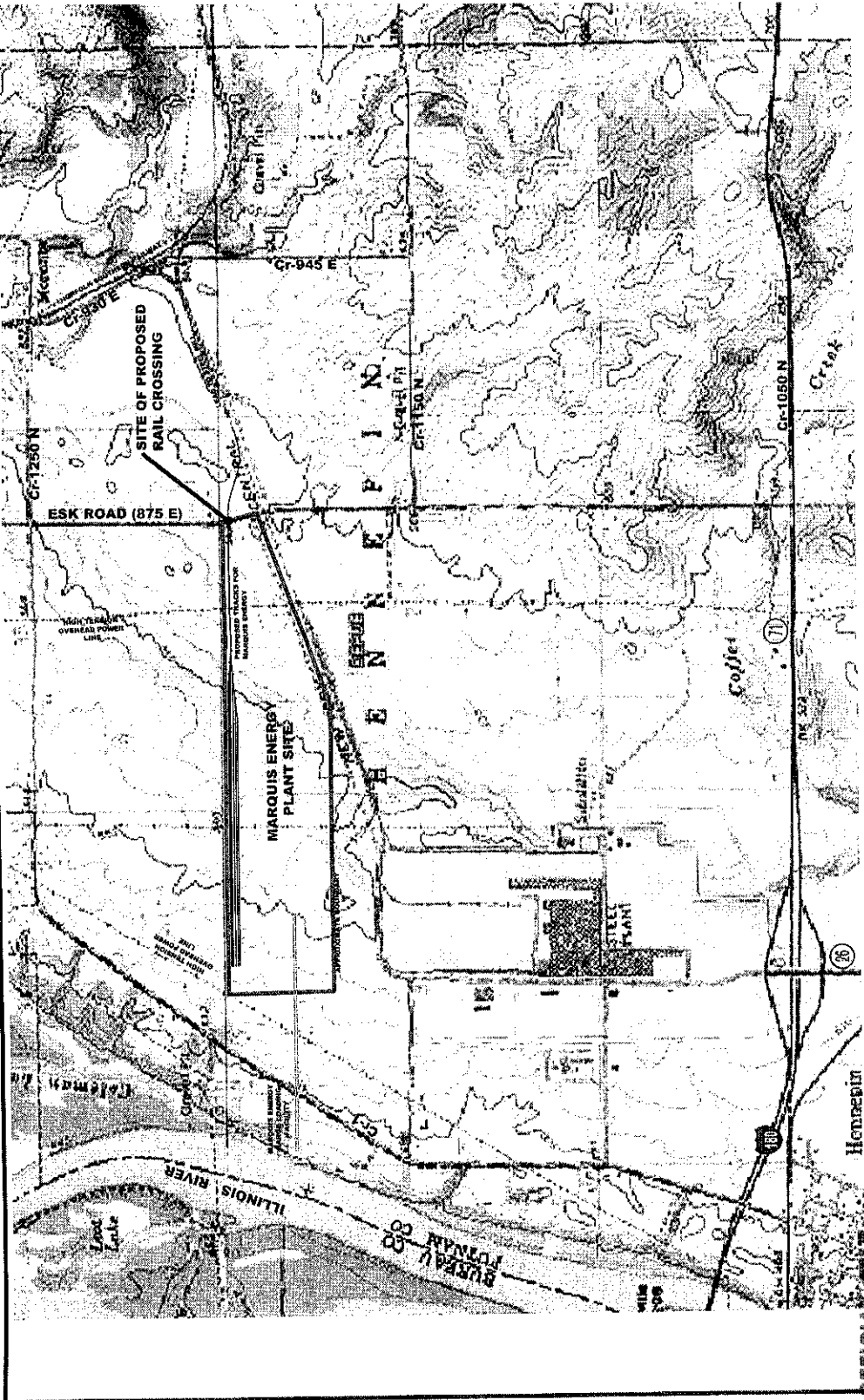
The permit shall require the grade crossing to be of standard design, and Marquis shall provide all necessary labor and materials to install the grade crossing and shall provide any necessary signage. The Township Highway Commissioner is further directed to assist Marquis in obtaining such other permits or governmental permissions as may be required for the construction and use of the grade crossing.

PASSED, APPROVED and ADOPTED this 12 day of April, 2006.



Paul J. Donatto
Hennepin Township Clerk

John Chalk
Hennepin Township Highway Commissioner

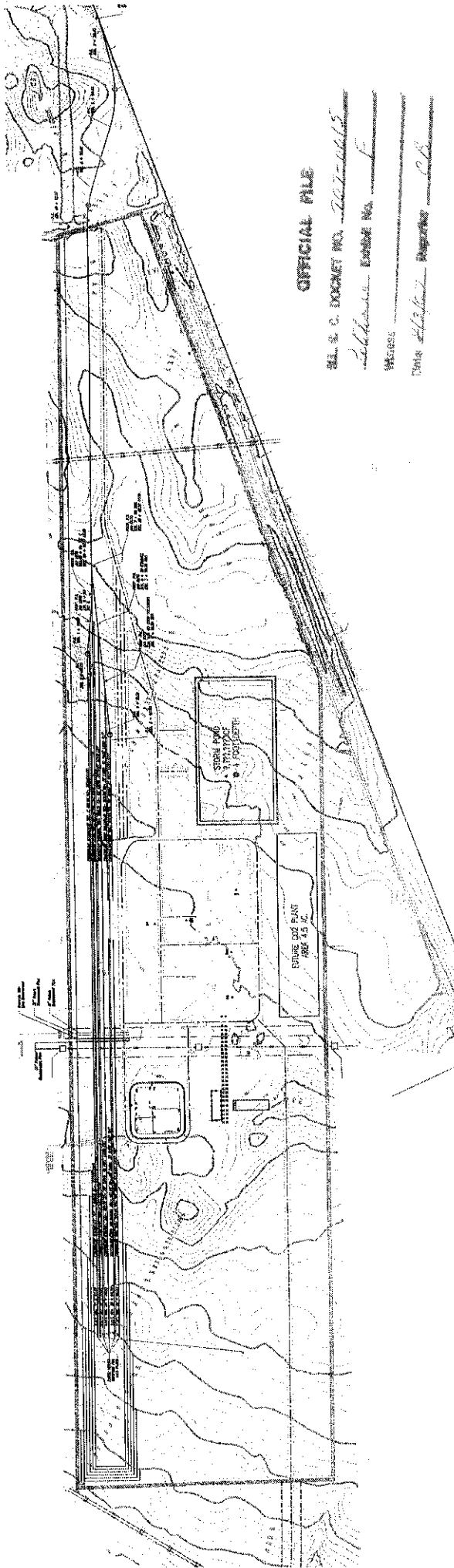


OFFICIAL FILE

ILL. C. C. DOCKET NO. 707-0015
 Edition No. 5
 Date 4/3/07 Reporter CB

**PROPOSED RAIL CROSSING OF ESK ROAD (875 E) FOR
 MARQUIS ENERGY PLANT SITE
 NEAR HENNEPIN (HENNEPIN TOWNSHIP, PUTNAM COUNTY), ILLINOIS**

EXHIBIT "A"



OFFICIAL FILE

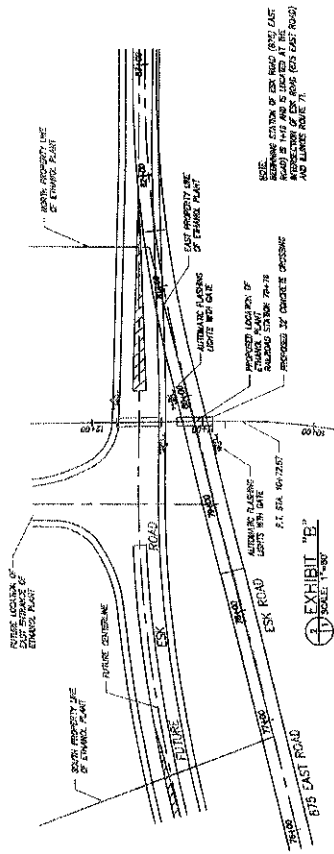
AL. S. C. DECKET NO. 207-0015

Substance: EVIDENCE NO. F

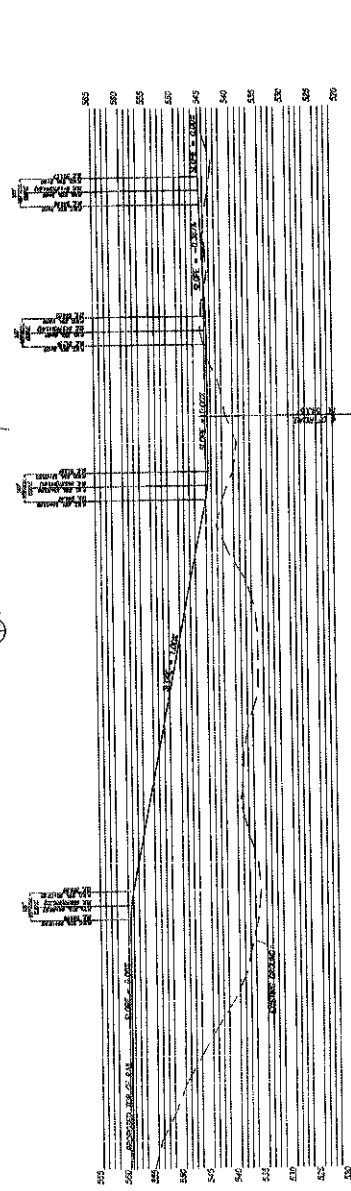
WEISS:

DATE: 11/11/11 BY: [signature] 2/3

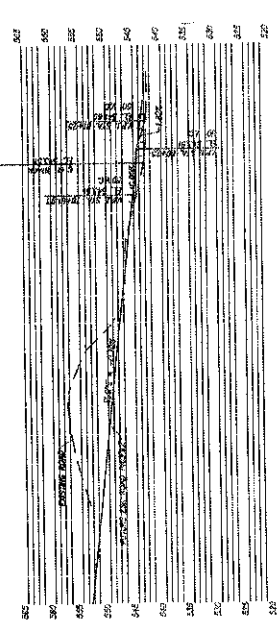
Exhibit F



1 EXHIBIT "E"
SCALE 1"=20'

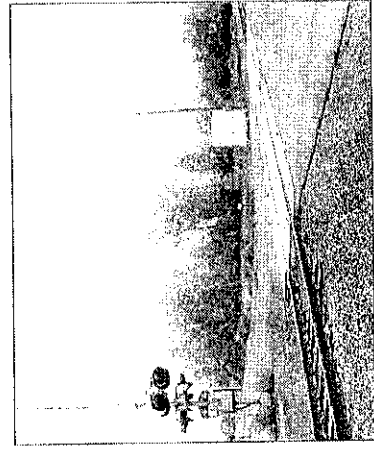


1 PROFILE - PROPOSED TOP OF RAIL
1 PROFILE - PROPOSED TOP OF DIRT EXISTING ROAD
SCALE 1"=20' VERTICAL



1 PROFILE - PROPOSED TOP OF RAIL
1 PROFILE - PROPOSED TOP OF DIRT EXISTING ROAD
SCALE 1"=20' VERTICAL

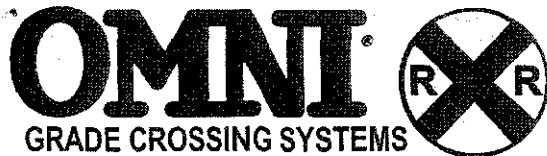
PROPOSED RAIL CROSSING OF ESK ROAD (875 E) FOR MARQUIS ENERGY PLANT SITE NEAR HENNEPIN (HENNEPIN TOWNSHIP, PUTNAM COUNTY), ILLINOIS



1 TYPICAL CONCRETE CROSSING WITH
FLASHING LIGHTS AND GATE
SCALE NONE

OFFICIAL FILE

ILL. C. C. DOCKET NO. 707-0015
 EXHIBIT NO. 1
 DATE 4/3/07
 WORKSHEET 003



*"The Only Grade Crossing Manufacturer
With The Full Product Line"*

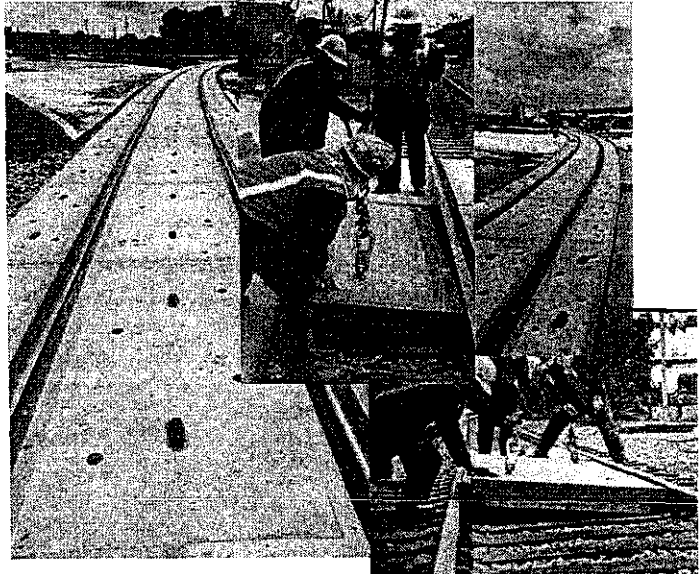
Norfolk Southern Standard Heavy Duty Road Crossing

OMNI's Embedded Concrete-Rubber (ECR) grade crossing system is the latest generation of OMNI's patented single-component, concrete-rubber design. ECR is designed with the rubber flange seal molded into the face of the concrete panels.

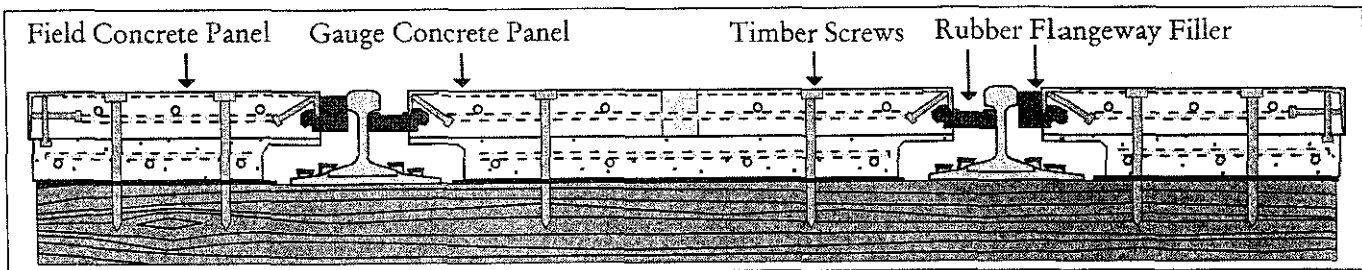
ECR is the fastest and easiest concrete crossing system to install because of its unique integrated concrete-rubber design.

As with all concrete systems, a well constructed foundation and track structure will ensure optimum life and performance. ECR is suitable for most traffic conditions.

For more information, view OMNI Products, Inc on the web at www.omnirail.com or



Embedded Concrete-Rubber (ECR) Cross-Section Illustration



Embedded Concrete-Rubber (ECR) Specifications

Panel Lengths: 8 feet 1 1/2 inches

Panel Heights: 7 1/8" or 7 7/8"

Tie Spacing: 19 1/2 inches

Gauge Panel Width: 51 inches

Field Panel Widths: 27 inches (10-foot tie)

Concrete:

Compressive Strength: 6000 p.s.i. Min.

Percentage of Entrained Air: 6.0 percent \pm 1%

Max. Water/Cement Ratio: 0.44 % (by weight)

Rebar:

ASTM A615 or A706 Gr.60 (Tied)

ASTM A706 Gr.60 (Welded)

Rubber:

Type: Virgin SBR

Tensile: 2,000 p.s.i.

Hardness: 65 \pm 5 Durometer Shore A

OFFICIAL FILE

www.omnirail.com

ILL. C. C. DOCKET NO. T87-8015

Exhibit No. H

Exhibit H

Date 4/3/07 Reporter CS

Embedded Concrete-Rubber Installation Instructions

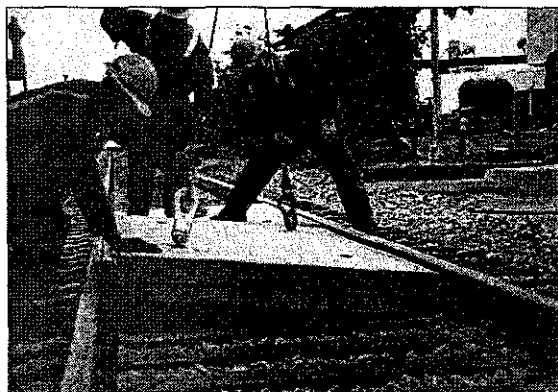
Track Preparation

- A. The track structure should be constructed per the surface data sheet.
- B. For best results, use new ballast, ties, and rail.
- C. Ties should be of good quality and in the same plane. Ties that are twisted or not set flat must be adzed or replaced.
- D. Ties must be placed center-to-center (c-c) as follows:

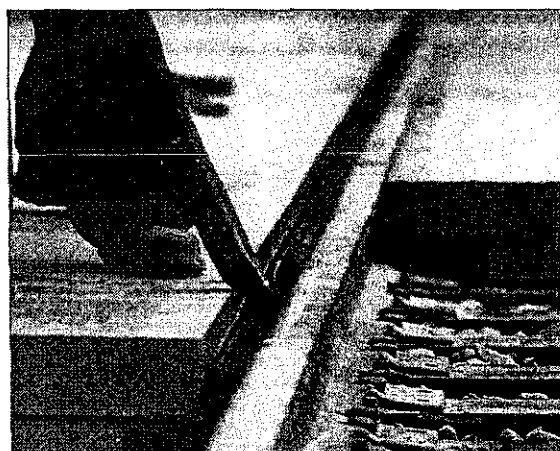
Panel Length	Timber Tie
8' 1 1/2 "	19 1/2 " c-c
- E. Rails should be welded. Grind welds smooth to avoid interfering with panels.
- F. Make certain that track gauge is 56 1/2".
- G. Sweep the ties and rail to remove ballast and debris which may interfere with seating of the panels.

Installation Steps

- 1. If ordered, gauge abrasion pads should be centered on the ties, field abrasion pads should be placed even with the outer edge of the ties. For timber ties, fasten the abrasion pads to the ties with the nails provided with the order.
- 2. Lubricate the underside of the rubber flangeway and the top of the adjoining rail with soapy water or pipe slick.
- 3. Install the first gauge panel, starting at the center of the crossing. Make sure the ends of the panels are centered on ties. Install the gauge panel by tipping the panel enough to place a flangeway beneath the rail head. Slowly lower panel until the opposing flangeway rests on the rail head.
- 4. Pull the panel towards the installed side. Then, force the opposing flangeway beneath the rail head with the use of a spike maul or lining bar. **Do not hit the concrete panel.**
- 5. Install the remaining gauge panels.
- 6. Begin installing field panels at the center of the crossing. Place the rubber nose of the panels against the rail. Make sure that the panel ends are centered on ties.
- 7. Install the remaining field panels.
- 8. For lagged installation, predrill the wood ties with a 1/2" drill bit and install 3/4" timber screws using a Torx bit and air impact wrench. Apply pressure to hold the field panels tight against the rail while drilling and fastening.
- 9. If ordered, install end-restraints. Do not span the gap of gauge panel frame.
- 10. For welded installation, tack weld the gauge panels with four 3-inch skip welds and the field panels with three 3-inch skip welds.



Step 3: Gauge panel installation.



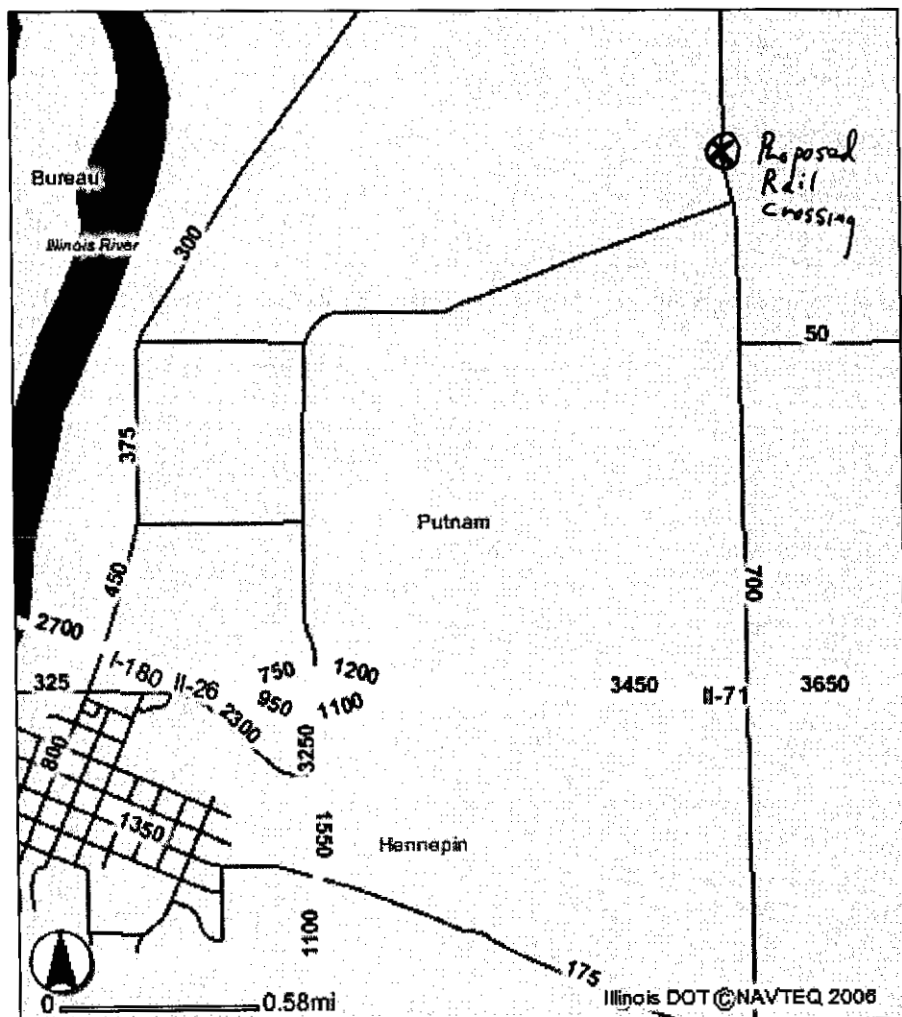
Step 4: Force rubber flange under rail using lining bar.



Step 7: Place field panel tight against rail.



Illinois Department of Transportation

 Send to printer

Date:2/8/2007

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Illinois Department of Transportation
2300 S. Dirksen Pky
Springfield, IL 62764

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ILL. C. C. DOCKET NO. T07-0015

Peterson Exhibit No. 7

Witness _____

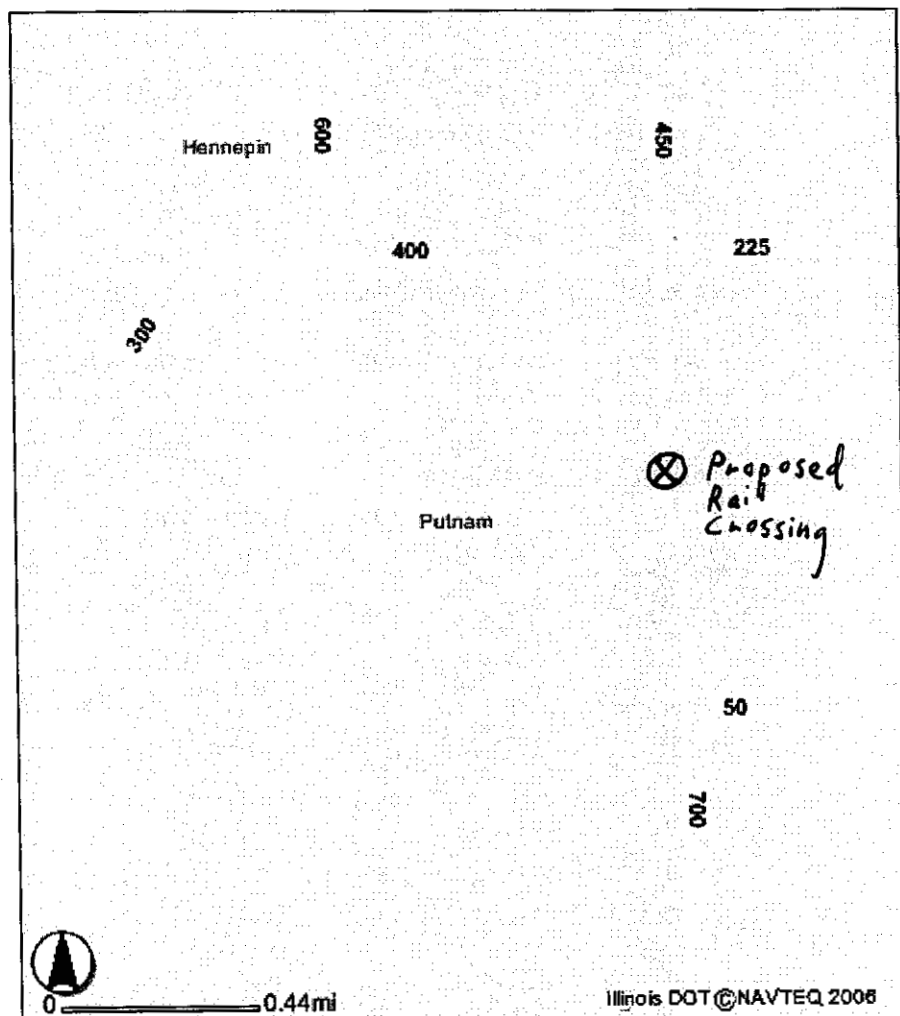
Date 4/3/07 Reporter CB

Exhibit I



Illinois Department of Transportation

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Date: 2/8/2007

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Illinois Department of Transportation
2300 S. Dirksen Pky
Springfield, IL 62764

Putnam County Sheriff's Department

Accident Reports 2004 - 2006

County Road 875E... now known as ESK Rd.

<u>Date</u>	<u>Sheriff's Dept.</u> <u>Report #</u>	<u>Location</u>	<u>Details</u>
<u>2004</u>			
11/18/2004	PC04-185C	3/4 mi. North of Rt.71	Car vs. Deer
<u>2005</u>			
No Reports			
<u>2006</u>			
10/30/2006	PC06-158C	300' North of Rt. 71	Car vs. Deer

OFFICIAL FILE

ILL. C. C. DOCKET NO. 707-0015
Putnam Exhibit No. J
Witness _____
Date 4/3/07 Reporter CB

Exhibit J